



ShAir Access™ PC Card

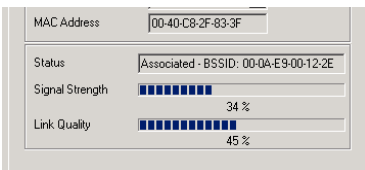
Wireless 11Mbps Extended Range Client MIL-W1897L



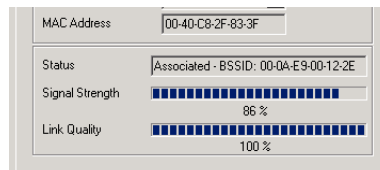
- Advanced, High-End Radio Performance
- Dual Diversity Antennas provide up to 30% greater wireless range**
- Flexible form factor can be used flat or as an extended range client
- Full 3 year warranty means reliable wireless LAN connections
- Both Wi-Fi and IEEE 802.11b -11Mbps compatibility
- Management and monitoring utility WIN98/98SE/ME/2K and XP
- Simple, reliable wireless LAN access for notebooks.
- Attractively Priced up to 75% lower than competing products

Flexible, Higher Performance Wireless PC Card Client

MiLAN's ShAir Access™ 11Mbps wireless PC Card client connection delivers solid, high-performance links between notebooks or when connected to 802.11b access point equipment. The MIL-W1897L wireless client card simply plugs into the a notebook port on your computer providing you with a reliable wireless connection to your network. The ShAir Access advanced double antenna design with increased radio power enables ShAir Access to outperform most other standard clients. Experience the power of both longer range and higher connection rates.



AP and Client separated 120' and 2walls



Same setup with extension antenna engaged

Reliable and Secure, Extended Range AP connections

Dynamic rate shifting between 1Mbps and 11Mbps ensures reliable, always-available network connections. IEEE 802.11b RC4 64/128 bit WEP (Wireless Equivalent Privacy) encryption support helps protect your data. Additional security with HAC™ layer MAC address registration/blocking when used with MiLAN ShAir Bridge, ShAir Office or ShAir Access AP mode connections. Average radio power of 18dBm plus extendable antenna and dynamic rate shifting ensure reliable connections, with speeds up to 11 Mbps, and an operating range of up to 400 meters(1310 feet).**

Ideal Solution for Education, Manufacturing, Business Users, Remote Workers -

- Needing lower cost higher performance wireless clients for all applications.
- Requiring a cost-effective way to connect remote and hard-to-wire locations.
- Helping to avoid expensive and tough-to-install cables in changing network environments.
- Configuring large warehouse spaces where the additional range can be important.

** Outdoors clear line of site, indoor extension depends on building environment

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Wireless 11Mbps Extended Range Client

MIL-W1897L

Model MIL-W1897L	
Standard	IEEE 802.11b for WLAN
Signal Type	DSSS (Direct Sequence Spread Spectrum)
Modulation	CCK@11/5.5Mbps, DQPSK@2Mbps and DBPSK@1Mbps
Host Interface	PCMCIA Type II
Antenna Type	Dual Extended range with Diversity
Transport Protocols	TCP/IP, IPX, NetBEUI
Media Access Control	CSMA/CA with ACK
OS Compatibility	Windows 98/98SE/ME/W2000/XP
Network Architecture	Ad-Hoc and Infrastructure mode
Data Encryption	64 bit WEP (RC4) encryption or (RC4) 128 bit key length
Frequency band	2.400 GHz ~2.4835GHz
Operating Channels	Canada, Asia, America (FCC) 1-11 Ch -Europe (ESTI) 1-13 Ch
Data Rate	Up to 11Mbps(with Dynamic Fallback to 5.5, 2, 1Mbps)
Transmit Power Output	~ 18 dBm
Receive Sensitivity	-80 dBm
Antenna Range	Indoor: 50 ~ 150m ; Outdoor: 200m ~ 400m
LED Indicators	Power, Activity
Operating Power	+3.3V
Temperature	Operating : 0 degrees Celsius to 55 degrees Celsius Storage : -27 degrees Celsius to 70 degrees Celsius
Humidity	Operating (0-70%) Storage (0-95%) Non-Condensing
Emissions Certification	CE, FCC Part 15 Class B
Dimensions	112x54x6.6mm
MiLAN Warranty	Three Year



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Part Numbers:

MIL-W1897L

MIL-W1897LEU

Warranty – ShAir Access PC Card
 Comprehensive 3 year, includes Technical Support

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